

# RefLED Superia MR16

RefLED Superia MR16 7W 460LM 830 40° SL

0026342



## Range features

- High light output of - 345 useful lumens = 35W MR16 Halogen, 430 useful lumens = 40W MR16 Halogen
- 80% Energy saving vs. halogen MR16 means fast payback
- Coolfit technology ensures long lifetime, even in enclosed fixtures
- AHC (Automatic Heat Control) ensures longer life by preventing lamp from over heating
- Dimmable on approved dimmers
- IEC standard dimensions - true retrofit size
- High Power Factor - 0.7
- 12V AC/DC
- Upgraded driver ensures high compatibility with dimmerswitches and electronic transformers



WARRANTY

## PRODUCT OVERVIEW

|                                   |                     |
|-----------------------------------|---------------------|
| Ordering number                   | 0026342             |
| Light colour                      | 830 Warm White      |
| Technology                        | LED                 |
| Energy class                      | A                   |
| Average life (Rated) (h)          | 25000               |
| Lamp shape                        | Reflector           |
| Lamp finish                       | Grey                |
| Dimmable                          | Yes                 |
| Cap/Base                          | GU5.3               |
| Type                              | RefLED Coolfit MR16 |
| EAN code                          | 5410288263427       |
| CRI (Ra)                          | 80                  |
| Beam angle(°)                     | 40                  |
| Beam angle(°)                     | 40                  |
| Colour temperature (K)            | 3000                |
| Useful luminous flux (Rated) (lm) | 430                 |
| Efficacy (Rated) (lm/w)           | 61                  |
| Watt (Nominal) (W)                | 7                   |
| Equivalent watt (W)               | 40                  |
| Voltage (V)                       | 12                  |

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## DATA TABLE

### General data

|                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|--------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Ordering number                                        | 0026342                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Technology                                             | LED                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Average life (Nominal) (h)                             | 25000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Energy saving lamp                                     | Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Energy class                                           | A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Average life (Rated) (h)                               | 25000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Lamp finish                                            | Grey                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Lamp shape                                             | Reflector                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Dimmable                                               | Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Cap/Base                                               | GU5.3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Type                                                   | RefLED Coolfit MR16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| EAN code                                               | 5410288263427                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| E-number FI                                            | 4740070                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| E-number SE                                            | 8359462                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Long description                                       | High light output of - 345 useful lumens = 35W MR16 Halogen, 430 useful lumens = 40W MR16 Halogen. 80% Energy saving vs. halogen MR16 means fast payback. Coolfit technology ensures long lifetime, even in enclosed fixtures. AHC (Automatic Heat Control) ensures longer life by preventing lamp from over heating. Dimmable on approved dimmers. IEC standard dimensions - true retrofit size. High Power Factor - 0.7. 12V AC/DC. Upgraded driver ensures high compatibility with dimmerswitches and electronic transformers |
| Product name                                           | RefLED Superia MR16 7W 460LM 830 40° SL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Lamp mercury content (mg)                              | 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Starting time (max) (s)                                | <0,5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Warm-up time to 60% of full light (max) (s)            | < 1s => 60%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Control gear required                                  | No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Burning position                                       | Universal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Control gear type                                      | Halogen Transformer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Intended purpose                                       | General lighting                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| No. of switching cycles before premature failure (min) | 100000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Special purpose lamp                                   | No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Transformer required                                   | Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Sales pack quantity                                    | 15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Optimal operating condition (°C)                       | 25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

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## Optical data

|                                              |                |
|----------------------------------------------|----------------|
| Light colour                                 | 830 Warm White |
| CRI (Ra)                                     | 80             |
| Beam angle(°)                                | 40             |
| Suitable for accent lighting                 | Yes            |
| Beam angle (Rated) (°)                       | 40             |
| Beam angle(°)                                | 40             |
| Colour Consistency                           | 6              |
| Colour temperature (K)                       | 3000           |
| Useful luminous flux (Rated) (lm)            | 430            |
| Lumen maintenance at end of nominal life (%) | 0.85           |
| Luminous flux (Nominal) (lm)                 | 450            |
| Peak intensity (cd)                          | 900            |
| Chromaticity coordinate X                    | -1             |
| Chromaticity coordinate Y                    | -1             |
| Adjustable chromaticity                      | No             |

## Electrical data

|                                 |     |
|---------------------------------|-----|
| kWh per 1000 hours burning time | 8   |
| Efficacy (Rated) (lm/w)         | 61  |
| Watt (Nominal) (W)              | 7   |
| Equivalent watt (W)             | 40  |
| Watt (Rated) (W)                | 7   |
| Voltage (V)                     | 12  |
| Current (A)                     | 833 |
| Drive current (mA)              | 833 |
| Ta rating                       | 25  |
| Lamp power factor               | 0.7 |

## Physical data

|                                                     |                      |
|-----------------------------------------------------|----------------------|
| Weight (kg)                                         | 0.05                 |
| Lamp Length (mm) - C/L                              | 47                   |
| Max. Lamp Diameter (mm) - D                         | 50                   |
| Lamp dimension equal to filament lamp equivalent    | Yes                  |
| Designed for optimum use in non standard conditions | No                   |
| Fluorescent lamp replacement                        | No                   |
| Single packaging type                               | Box/Sleeve           |
| Single package dimensions (L x W x H) (cm)          | 4.80 x 4.80 x 6.20   |
| Outer package dimensions (L x W x H) (cm)           | 27.00 x 16.50 x 7.50 |

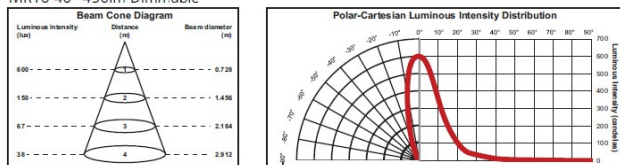
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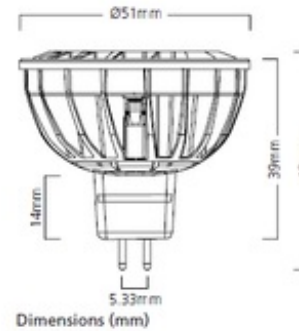
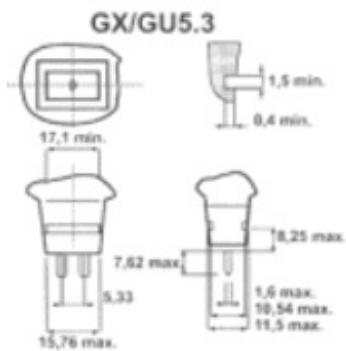
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### PHOTOMETRY

MR16 40° 450lm Dimmable



### TECHNICAL DRAWINGS



### ENERGY LABEL

